

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	42	((dynamic\$5 adapt\$5 select\$5 preferab\$5) near10 (switch\$5 swap\$5 chang\$5 revers\$5 turn\$5) near10 (direction upstream downstream upload download) near10 (channel stream link)) and (DSL)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/03 14:42
L2	1	"379"/\$.ccls. and((dynamic\$5 adapt\$5 select\$5 preferab\$5) near10 (switch\$5 swap\$5 chang\$5 revers\$5 turn\$5) near10 (direction upstream downstream upload download) near10 (channel stream link)) and (DSL)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/03 14:44
L3	23	"370"/\$.ccls. and((dynamic\$5 adapt\$5 select\$5 preferab\$5) near10 (switch\$5 swap\$5 chang\$5 revers\$5 turn\$5) near10 (direction upstream downstream upload download) near10 (channel stream link)) and (DSL)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/03 14:45
S1	151	(xDSL) and (Dynamic near10 (configur\$5 reconfigur\$6))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/03 08:51
S2	2760	((Dynamically) near3 (select\$5 chang\$5 configur\$5 set\$5))near10 (protocol speed channel characteristic)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/18 16:13
S3	51	((Dynamically) near3 (select\$5 chang\$5 configur\$5 set\$5))near10 (protocol speed channel characteristic)) and 709/220,221,229.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/18 14:42
S4	70	((Dynamically) near3 (select\$5 chang\$5 configur\$5 set\$5))near10 (protocol speed channel characteristic)) and (xDSL and controls)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/18 14:50
S5	2	"6084917".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/18 14:50
S6	28636660	EP A "0806852"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/18 15:17
S7	0	EP adj A0806852	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/18 15:17
S8	0	EP adj "0806852"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/18 15:21
S9	5	"19971112".pd. and (Texas adj instruments)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/18 15:22
S10	6	((Dynamically) near3 (select\$5 chang\$5 configur\$5 set\$5))near10 (protocol speed channel characteristic)) and (Bit adj rate adj control)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/03 09:21

S11	0	(((Dynamically) near3 (select\$5 chang\$5 configur\$5 set\$5))near10 (protocol speed channel characteristic)) and (xDSL near5 (Bit adj rate adj control))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/18 16:16
S12	0	(((Dynamically) near3 (select\$5 chang\$5 configur\$5 set\$5))near10 (protocol speed channel characteristic)) and (xDSL and (Bit adj rate adj control))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/18 16:16
S13	0	(((Dynamically) near3 (select\$5 chang\$5 configur\$5 set\$5))near10 (protocol speed channel characteristic)) and (DSL and (Bit adj rate adj control))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/18 16:16
S14	0	((xDSL) and (Dynamic near10 (configur\$5 reconfigur\$6))) and (DSL and (Bit adj rate adj control))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/18 16:16
S15	6	(DSL and (Bit adj rate adj control))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/18 16:26
S16	2	"5812786".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/18 16:23
S17	0	(Dynamic adj control near10 (bit adj rate)) and xDSL and ABR and Internet	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/18 16:27
S18	0	(Dynamic adj control near10 (bit adj rate)) and xDSL and ABR	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/18 16:27
S19	0	(Dynamic adj control near10 (bit adj rate)) and xDSL	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/18 16:27
S20	3	(Dynamic adj control near10 (bit adj rate))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/19 09:07
S21	2	"6055268".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/19 09:07
S22	96	"5812786"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/03 08:43
S23	2	"5812786".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/03 10:58
S24	2	"6246695".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/03 10:57

S25	0	(xDSL) and (protocol) near5(dependent evaluation) near10 (Dynamic near10 (configur\$5 reconfigur\$6))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/03 08:50
S26	1	(protocol) near5(dependent evaluation) near10 (Dynamic near10 (configur\$5 reconfigur\$6))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/03 08:50
S27	0	(xDSL) and (Dynamic near10 (configur\$5 reconfigur\$6)) and (RM same ABR)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/03 08:51
S28	9	(xDSL) and (Dynamic near10 (configur\$5 reconfigur\$6)) and (ABR)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/03 08:53
S29	92	(Dynamic near10 (configur\$5 reconfigur\$6)) same (xDSL ADSL DSL)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/03 09:05
S30	187	(aravamudan)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/03 09:00
S31	66	(aravamudan near4 murali)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/03 09:01
S32	0	(aravamudan near4 murali) and ("265737")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/03 09:01
S33	10	(aravamudan near4 murali) and (DSL)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/03 09:02
S34	0	"26573799".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/03 09:02
S35	2	(protocol connection carrier) near5 (based dependent) near5 (Dynamic near10 (configur\$5 reconfigur\$6)) same (xDSL ADSL DSL)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/03 09:06
S36	63	(protocol connection carrier) near5 (based dependent) near5 ((Dynamic run-time) near10 (configur\$5 reconfigur\$6))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/03 09:07

S37	2	(controlling control negotiat\$5 provid\$5 manag\$5) near5 (transmission bit) near10 (rate) near20 (higher near5 protocol)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/03 09:22
S38	1	(RM ATM) near5 (cell) near20 (configur\$5) near15 (DSL)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/03 09:52
S39	348	(RM ATM) near5 (cell) and (xDSL)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/03 09:52
S40	103	(RM ATM) near5 (cell)same(xDSL)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/03 09:52
S41	14	(RM ATM) near5 (cell) near20 (configur\$5) near15 (bandwidth)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/03 09:52
S42	27432	signaling near4 (data or information or protocol or format or control)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/03 10:59
S43	128469	(transmission or bit or communication) near3 (rate or bandwidth)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/03 10:59
S44	394	S42 near30 S43	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/03 12:50
S45	7	S44 same DSL	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/03 11:00
S46	29864	S43 near3 (control increas\$5 decreas\$5 upgrad\$5 reduc\$5 improv\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/03 11:02
S47	0	S22 near30 S46	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/03 11:03
S48	2	"6055268".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/03 14:22


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## 1 [TCP over ATM: ABR or UBR?](#)



Teunis J. Ott, Neil Aggarwal

 June 1997 **ACM SIGMETRICS Performance Evaluation Review , Proceedings of the 1997 ACM SIGMETRICS international conference on Measurement and modeling of computer systems**, Volume 25 Issue 1

Full text available: pdf(1.62 MB)

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This paper reports on a simulation study of the relative performances of the ATM ABR and UBR service categories in transporting TCP/IP flows through an ATM Network. The objective is two-fold: (i) to understand the interaction between the window - based end-to-end flowcontrol TCP and the rate based flowcontrol ABR which is restricted to the ATM part of the network, and (ii) to decide whether the greater complexity of ABR (than UBR) pays off in better performance of ABR (than UBR).The most importa ...

## 2 [Standardization for ATM and related B-ISDN technologies](#)



David Cypher, Shukri Wakid

September 1993 **StandardView**, Volume 1 Issue 1

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### 1 Standardization for ATM and related B-ISDN technologies



David Cypher, Shukri Wakid

September 1993 **StandardView**, Volume 1 Issue 1

Full text available: pdf(876.56 KB)

Additional Information: [full citation](#), [references](#), [index terms](#), [review](#)

### 2 Test results of the commercial internet multimedia trials



Mark Baugher, Saib Jarrar

January 1998 **ACM SIGCOMM Computer Communication Review**, Volume 28 Issue 1

Full text available: pdf(958.81 KB)

Additional Information: [full citation](#), [abstract](#), [index terms](#)

This paper reports the test results of applications and services from the Commercial Internet Multimedia Trials. The Trials were a twelve-month effort by three companies to evaluate the product readiness of multimedia applications and services in business environments by supporting multimedia services on production IP networks. The test beds were enabled for IP multicast routing; one of the test beds was enabled for RSVP. The results of our RSVP tests and user surveys are reported, and some of i ...

### 3 Bibliography of recent publications on computer communication



Martha Steenstrup

January 1998 **ACM SIGCOMM Computer Communication Review**, Volume 28 Issue 1

Full text available: pdf(2.02 MB)

Additional Information: [full citation](#), [abstract](#), [index terms](#)

The quantitative results presented in our SIGCOMM '97 paper [1] include numerous minor errors. These errors were caused by programming bugs that led to faulty analyses and simulations, and by inaccurate transcriptions during the preparation of the paper. Here we present corrected figures and tables, as well as corrections to values that appeared in the text of the original paper. The effect of correcting the errors is to reduce the differences between the results based on the proxy trace and tho ...

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